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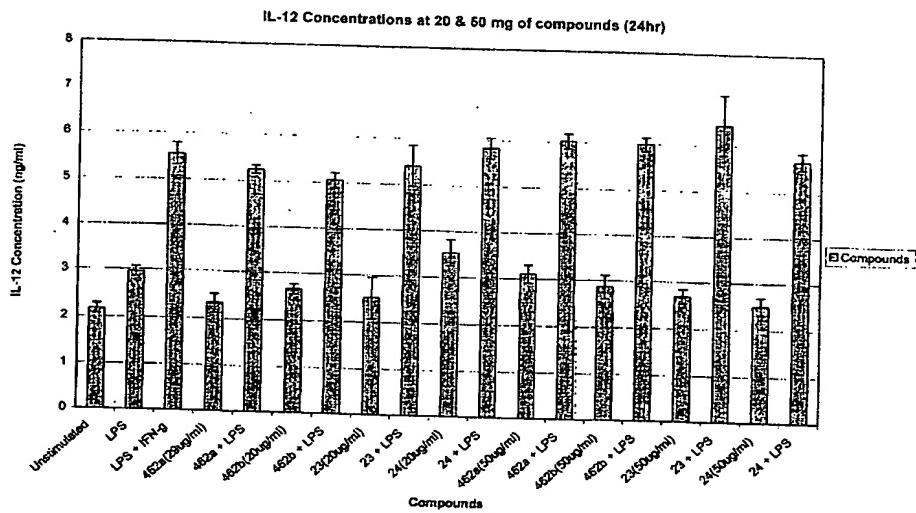
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(54) Title: POLYHYDROXYLATED PYRROLIZIDINE



(57) Abstract: Isolated immunomodulatory (e.g. immunostimulatory) polyhydroxylated pyrrolizidine compounds having the formula (I), wherein R is selected from the group comprising hydrogen, straight or branched, unsubstituted or substituted, saturated or unsaturated acyl, alkyl (e.g. cycloalkyl), alkenyl, alkynyl and aryl groups, or a pharmaceutically acceptable salt or derivative thereof, are useful in therapy and prophylaxis, including increasing the Th1:Th2 response ratio, haemorestitution, alleviation of immuno-suppression, cytokine stimulation, treatment of proliferative disorders (e.g. cancer), vaccination, stimulation of the innate immune response and boosting of the activity of endogenous NK cells.



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